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3-4-02

PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL

Attorney Docket No.	17782
First Inventor	Vincent M. KANE
Title	ELECTRONIC MODULE ASSEMBLY APPARATUS, METHODS AND ARTICLES OF MANUFACTURE
Express Mail Label No.	EL929341062 US

Only for new nonprovisional applications under 37 CFR 1.53(b))

APPLICATION ELEMENTS
 See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO: BOX PATENT APPLICATION
 Assistant Commissioner for Patents
 Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g. PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
 See 37 CFR 1.27.
3. ☒ Specification *Total Pages* [15]
(preferred arrangement set forth below)
 - Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Description of the Drawings *(if filed)*
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
- ☒ Drawing(s) (35 U.S.C. 113) *Total Pages* [7]
- Oath or Declaration *Total Pages* [3]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation divisional with Box 18 completed)
 - i. DELETION OF INVENTOR(S)
 - ☐ Signed statement attached deleting inventor(s)
 named in the prior application (see 37 CFR) 1.63(d)(2)
 and 1.33(b)
- ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program *(Appendix)*
8. ☐ Nucleotide and/or Amino Acid Sequence Submission *(if applicable, all necessary)*
 - a. ☐ Computer Readable Form (CRF)
 - b. ☐ Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & document(s)) ✓
10. ☐ 37 CFR 3.73(b) Statement ☒ Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document *(if applicable)*
12. ☐ Information Disclosure ☐ Copies of IDS
 Statement (IDS)/PTO-1449 Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
 Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i).
16. ☐ Applicant must attach form PTO/SB/35
 or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.:
 Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS ONLY: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relief upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

Name	Joseph A. Tessari, Esquire				
Address	TYCO TECHNOLOGY RESOURCES 4550 New Linden Hill Road—Suite 450				
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Country	US	Telephone	(302) 633-3566	Fax	(302) 633-2776
Name (Print/Type)	Joseph E. Ghovanes	Registration No. (Attorney/Agent)	33,481		
Signature			Date	February 28, 2002	

CERTIFICATION UNDER 37 CFR § 1.10

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited with the U.S. Postal Service on 02/28/2002, in an envelope as "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 CFR § 1.10, Mailing Label Number EL929341062US addressed to Assistant Commissioner for Patents, Washing DC 20231

Karen Spina

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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) -780**METHOD OF PAYMENT**1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:Deposit
Account

50-0979

Deposit
Account
Name☒ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17☐ Applicant claims small entity status
See 37 CFR 1.272. ☒ **Payment Enclosed**☒ Check ☐ Credit Card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	
101	740	201	370	Utility filing fee	\$ 740
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	\$ 740
SUBTOTAL (1)					\$ 740

2. EXTRA CLAIMS FEES

			Extra Claims		Fee from below		Fee Paid
Total Claims	19	- 20**	= 0	X	18	=	\$
Independent Claims	3	- 3**	= 0	X	84	=	\$
Multiple Independent			+		280	=	\$

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee Code	Fee Description
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	**Reissue independent claims over original patent
110	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)

\$

**or number previously paid, if greater; For Reissue, see above

SUBMITTED BY CUSTOMER NO.**Complete if known**

Application Number
Filing Date
First Named Inventor **Vincent M. KANE**
Examiner Name
Group Art Unit
Attorney Docket No. **17782**

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

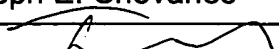
Fee Code	Large Entity Fee (\$)	Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2520	147	2520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1840*	113	1840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1440	218	720	Extension for reply within fourth month	
128	1960	228	980	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1510	138	1510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1280	241	640	Petition to revive - unintentional	
142	1280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petition to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	375	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) \$ 40

Complete (if applicable)

Name (Print/Type) **Joseph E. Chovanes** Registration No. (Attorney/Agent) **33,481** Telephone **(215) 575-7000**
Signature  Date **February 28, 2002**